

This is a  
**CONTROLLED DOCUMENT**  
EG&G - ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT

This is a RED Stamp

**ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 39  
Page: 1 of 3  
Effective Date: 04/13/93  
Organization: Environmental Management

**THIS IS ONE VOLUME OF A SIX VOLUME SET  
WHICH INCLUDES:**

VOLUME I: FIELD OPERATIONS (FO)  
VOLUME II: GROUNDWATER (GW)  
VOLUME III: GEOTECHNICAL (GT)  
VOLUME IV: SURFACE WATER (SW)  
VOLUME V: ECOLOGY (EE)  
VOLUME VI: AIR (AP)

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FOR VOLUME III: GEOTECHNICAL**

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DCN 92.01	Specialized Logging Form	2	11/13/92
DCN 93.01	Logging	2	01/15/93
DCN 93.02	Logging Deliverables Standard Practices	2	01/25/93
GT.02	Drilling and Sampling Using Hollow Stem Auger Techniques	2	05/12/92
DCN 92.01	Superseded by DCN 92.03	2	07/27/92
DCN 92.02	Superseded by DCN 92.03	2	07/27/92
DCN 92.03	Addition of the Drum Characterization	2	07/27/92
DCN 92.04	Prevention of Down Hole Contamination	2	08/26/92
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DCN 92.03	Expired	2	09/03/92
DCN 93.01	Data Quality Objectives for PLF Investigations	2	02/10/93

**DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991**

**ADMIN RECORD**

A-SW-001132

**ROCKY FLATS PLANT  
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**Manual No.: 5-21000-OPS-GT**  
**Procedure No.: Table of Contents, Rev 39**  
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**Effective Date: 04/13/93**  
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<b>Procedure No.</b>	<b>Title</b>	<b>Rev. No.</b>	<b>Effective Date</b>
GT.04	Rotary Drilling and Rock Coring	2	05/12/92
GT.05	Plugging and Abandonment of Boreholes	2	05/12/92
DCN 92.01	Field Modification	2	12/09/92
DCN 93.01	5.2 Revision	2	02/04/93
GT.06	Monitoring Wells and Piezometer Installation	2	05/12/92
DCN 92.05	Schematic Diagram Land Fill Methane Wells	2	06/04/92
DCN 92.06	EXPIRED (replaced with DCN 93.01)	2	
DCN 92.07	Provide Consistency	2	12/17/92
DCN 93.01	Borehole Advancement	2	01/04/93
DCN 93.02	Well Point Installation	2	01/28/93
DCN 93.03	Piezometer Logging Modification	2	02/04/93
DCN 93.04	Wells - 5.3.2.2 Revised	2	02/10/93
DCN 93.05	Temperatures - 5.3.2.3 Revised	2	02/10/93
DCN 93.06	Provide Numbers to Reference Corresponding Items	2	02/23/93
DCN 93.07	DCN 93.01 Modification	2	03/17/93
GT.07	Logging and Sampling of Test Pits and Trenches	2	05/12/92
GT.08	Surface Soil Sampling	2	05/12/92
DCN 92.01	Clarification of Soil Sampling	2	09/03/92
DCN 92.02	Consistency Change	2	10/12/92
DCN 93.01	Work Plan Consistency	2	01/05/93
DCN 93.02	New Section-Surficial Profiling	2	01/15/93
DCN 93.03	CDH Compliance	2	01/25/93
*DCN 93.04	Site Identification	2	04/13/93
*DCN 93.05	Sample Volumes	2	04/13/93
GT.09	Soil Gas Sampling and Field Analysis	2	05/12/92
GT.10	Borehole Clearing	2	05/12/92
GT.11	Plugging and Abandonment of Wells	2	05/12/92
GT.15	Geophysical Borehole Logging	2	05/12/92

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<b><u>Procedure No.</u></b>	<b><u>Title</u></b>	<b><u>Rev. No.</u></b>	<b><u>Effective Date</u></b>
GT.17	Land Surveying	2	05/12/92
GT.18	Surface Geophysical Surveys	2	05/12/92
DCN 92.01	Surface Magnetic Surveys Procedure	2	09/30/92
DCN 92.02	Modification to Stacking Requirements	2	10/15/92
DCN 92.03	Modification to Method of Taking Readings	2	10/15/92
DCN 93.01	5.4 Field Procedure Revisions	2	01/25/93
GT.19	Field Gas Chromatographs	2	05/12/92
GT.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	2	05/12/92
GT.21	Cone Penetrometer Testing	1	05/12/92
DCN 93.01	CPT Rods	1	01/15/93
DCN 93.02	Offsets	1	03/17/93
GT.24	Approval Process for Construction Activities on or Near Individual Hazardous Substance Sites (IHSSs)	0	05/12/92

This is a  
**CONTROLLED DOCUMENT ENVIRONMENTAL MANAGEMENT**  
 EG&G - ROCKY FLATS PLANT  
**ENVIRONMENTAL MANAGEMENT**  
**DOCUMENT CHANGE NOTICE (DCN)**

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Procedure Number 5-21000-OPS-GT, GT.8, Rev. 2

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Title	Surface Soil Sampling	Date	4-13-93 <i>dr</i>	DCN Number	93.04 <i>dr</i>
Expires	4-13-94 <i>dr</i>	Procedure Revision Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Scope Limitation	The scope is limited to Operable Unit 7, Phase I Investigation				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	13	1	<p>Change the second sentence to read;</p> <p>"The sites should be permanently marked with a steel post and identification sign so that the same area can be resampled, except for the active area within the Present Landfill where the sites will be surveyed but not permanently marked."</p>

DOCUMENT CLASSIFICATION REVIEW WAIVER  
 PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
 JUNE 11, 1991

Justification (Reason for Change — Provide Numbers To Reference Corresponding Items Above)

1. In the active area of the landfill, the markers will be covered during daily landfill operation activities.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	4/12/93	<i>K.K. O'Dell</i>	User	X	3/24/93
<i>[Signature]</i>	EOM	X	4-7-93	<i>[Signature]</i>	EQS	X	3-25-93
				<i>A.L. [Signature]</i>	USER	X	4/5/93
Approval of Responsible Manager				Is Posting Req'd?			
<i>[Signature]</i>				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Date				If Yes, By What Date?			
				Upon Receipt			
Date Posted							

APR 12 1993